

RYAN McCANN

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PROFESSIONAL EXPERIENCE

INTERFERENCE

Cambridge, MA

Data Scientist Intern

June - August 2019

May - August 2020

- Made major contributions to the company's software package used by 100+ developers
- Identified and fixed 30+ bugs in unit testing code
- Efficiently structured large amounts of raw data to JSON and CSV file formats
- Used Python to train and test machine learning algorithms
- Found key similarities in data stored to MongoDB
- Frequently operated in the MacOS terminal using Linux commands
- Pushed and reviewed code using Git and GitHub

EDUCATION

UNIVERSITY OF MASSACHUSETTS LOWELL

Lowell, MA

M.Eng. Computer Engineering

Sept. 2022 - May 2023

- Accepted to the accelerated bachelor's to master's program

B.S Computer Engineering

Sept. 2018 - May 2022

- Relevant Coursework: Application Programming (C & MATLAB), Data Structures and Algorithms (C++), Microprocessors Design (Python & C), Software Engineering (Graduate)
- Member of The Commonwealth Honors College
- Co-founder and Secretary of Student Volunteers for Sustainability
- National Engineering Honors Society (Tau Beta Pi)
- Leaders in Action Program Participant
- Member of The Institute of Electrical and Electronics Engineering (IEEE)
- Leader of a microprocessors systems design lab group
- 3.9/4.0 GPA

VOLUNTEER EXPERIENCE

CENTRAL FOOD MINISTRY

Lowell, MA

Food Distributer

Sept. 2019 - Present

- Help distribute food to financially disadvantaged residents
- Occasionally fill in for the shift leader; this involves opening, setting up, and closing the ministry to residents

PROJECT LEARN

Lowell, MA

Math Tutor

Sept. 2020 - Jan. 2021

- Provided third grade students with the skills they needed to succeed in mathematics

PROJECTS

RESUME VIDEO

- Please use the link below for a video to learn more about the relevant projects I've completed
- <https://youtu.be/qQf9JPecG-c>